RUDRAPRASAD CONSULTANTS
Structural Engineers, Architects &
Project Management Consultants

To,

Date: 23-04-2021

ASSISTANT EXECUTIVE ENGINEER
YELAHANKA SATELLITE TOWN SUB DIVISION,
BBMP
BANGALORE

Dear Sir,

Sub: M/s. Rudraprasad Consultants Services for the work of **"CONSTRUCTION OF DRAINS AND CULVERTS AT A SECTOR, B SECTOR AND MATHRULAYOUT IN WARD NO:04"**

Ref: 1. Work Order No: BBMP/EE/YNK.D/EPMT-02/W.O/172/2020-21
2. Job code: 004-20-000165

We are here with forwarding to Sri.G. Venkate Gowda , S/o Govindaraju, B3-11 2nd Floor, SFS 12th B Main Road, Omega Hospital Yelahanka New Town, Bangalore-560064. First & Final Bill duly verified and certified that the work is satisfactory and for a Gross Value of Rs. 2,48,59,467.83/- (Rs. Two Crore Fourty Eight Lakhs Fifty Nine Thousand Four Hundred Sixty Seven and Eighty Three Paisa Only).

Thanking you,

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Yours faithfully,

For Rudraprasad Consultants

R. KARTHIK RECHAN B.E, M.S (U.S.A)
PRINCIPAL CONSULTANT
RUDRAPRASAD CONSULTANTS

RUDRAPRASAD CONSULTANTS BANGALORE

Attachments PMC Compliance report

#3, 7th Main Malleswaram, Bangalore – 560003
Telefax: 9180 23444801, Mobile: 91 9972924526
Web: www.arkengineers.com e-mail: rechan6630@yahoo.co.in

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NAME OF WORK:-"Construction of Drains and Culverts at A Sector, B sector and Mathrulayout in Ward No:04"

Name of Client	:	EXECUTIVE ENGINEER, YELAHANKA DIVISION,BBMP, BANGALORE
Contractor/ Agency:		Sri.G. Venkate Gowda , S/o Govindaraju, B3-11 2nd Floor, SFS 12th B Main Road, Omega Hospital Yelahanka New Town, Bangalore-560064
Tender Contract Price		Rs 2,48,59,467.83/-
Date Of Inspection :		23-04-21
Status Of Bill	:	First & Final
In the Presence of :		a) Assistant Engineer,Ward No -04 Yelahanka Satellite Town Sub division, BBMP, Bangalore b) R. Karthik Rechan, M/S RUDRAPRASAD CONSULTANTS, BANGALORE

PMC COMPLIANCE REPORT		
Sl. No.	**Description of work**	**Comments/Observations**
1	Removing and refixing stone slabs of drains and pointing in CM (1:3)complete as per specifications and as per the directions of the Engineer in charge	Work done upto the Billed Quantity and the Quality is satisfactory
2	Excavation for road, drains and similar works . Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer in charge	Work done upto the Billed Quantity and the Quality is satisfactory

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3	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications and as per the directions of the Engineer in charge	Work done upto the Billed Quantity and the Quality is satisfactory
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well competed for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no 1500, 1700, 2200 including cost of material labour HOM complete as per specifications and as per the directions of the Engineer in charge	Work done upto the Billed Quantity and the Quality is satisfactory
5	Providing TMT steel reinforcement for R C C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per the directions of the Engineer in charge	Work done upto the Billed Quantity and the Quality is satisfactory
6	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete as per specifications and as per the directions of the Engineer in charge (Data Rate)	Work done upto the Billed Quantity and the Quality is satisfactory

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7	Providing and fixing RCC precast cover slab of 250mm thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete as per specifications and as per the directions of the Engineer in charge (Data Rate)	Work done upto the Billed Quantity and the Quality is satisfactory
8	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc ,complete as per specifications and as per the directions of the Engineer in charge	Work done upto the Billed Quantity and the Quality is satisfactory
9	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications and as per the directions of the Engineer in charge	Work done upto the Billed Quantity and the Quality is satisfactory
10	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0 69 cum, fine aggregates at 0 46 cum,Coarse and fine aggregate conforming to IS 383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008 mixed in a concrete mixer of not less than 0 6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing) & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to, complete as per specifications and as per the directions of the Engineer in charge	Work done upto the Billed Quantity and the Quality is satisfactory

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11	Providing and laying reinforced cement concrete pipe NP2 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of materials, labour, HOM complete as per specifications, curing complete as per specifications and as per the directions of the Engineer in charge	Work done upto the Billed Quantity and the Quality is satisfactory
12	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications and as per the directions of the Engineer in charge a) 40mm Jelly	Work done upto the Billed Quantity and the Quality is satisfactory
13	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications and as per the directions of the Engineer in charge b) 20mm Jelly	Work done upto the Billed Quantity and the Quality is satisfactory
14	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications and as per the directions of the Engineer in charge c) Coarse sand	Work done upto the Billed Quantity and the Quality is satisfactory
15	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications and as per the directions of the Engineer in charge d) Fine Sand	Work done upto the Billed Quantity and the Quality is satisfactory
E1	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications and as per the directions of the Engineer in charge	Work done upto the Billed Quantity and the Quality is satisfactory

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E2	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer in charge	Work done upto the Billed Quantity and the Quality is satisfactory
E3	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and as per the directions of the Engineer in charge	Work done upto the Billed Quantity and the Quality is satisfactory
E4	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer in charge	Work done upto the Billed Quantity and the Quality is satisfactory

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